AMENDMENTS TO THE SPECIFICATION

Replace the paragraph beginning at page 5, line 1 with:

The present invention provides a system for negotiating a price for the exchange of telematic data between commuters using a "known" or previously identified traffic route and a telematic base. As described above, telematic data is defined as data created by the combination of telecommunications and information processing capabilities of a vehicle, such as an automobile. The system in accordance with the present invention negotiates with cooperating and properly equipped vehicles to exchange telematic data in accordance with a "market value" or price as determined by the system. The price may be negotiated in relation to the quality of the information provided, such as demand based on the time of day and route of interest. The price may also be negotiated based upon supply, i.e., the number of vehicles offering to supply telematic data. The telematic data gathered in the telematic base enables the telematic system to estimate the current traffic conditions and predict the future traffic conditions. The system may optionally incorporate conventional traffic data of point detectors to supplement the telematic data in determining and predicting traffic conditions. The determinations and predictions may be sold by the system to vehicles that do not supply telematic data and to vehicles that supply telematic data and are given purchase credits from the data supplied.

Replace the paragraph beginning at page 7, line 22 with:

In an exemplary embodiment, the telematic base 12 exchanges signals with the system nodes 17 to provide traffic forecasting data and/or content credit data to participating probe detectors 22, determine offer parameters, and generally initiate and manage the negotiation of telematic data exchange (e. g., polling signals and responses). While the telematic base 12 is described here as independent of system nodes 17, the functions of the telematic base 12 may be integrated with each system

node 17 to provide separate traffic forecasting sectors, i.e., regions, with respect to each system node 17, or to designate a master system node. The telematic base 12 employs hardware components, such as a memory, data processor, and input/output circuitry, for traffic determination and forecasting, as well as the management of system transmissions and operations. In the exemplary embodiment, an artificial intelligence module may be used for "learning" traffic patterns in relation to conventional traffic data and telematic data. An exemplary artificial intelligence module may employ neural network circuitry and/or fuzzy logic design for adapting the traffic forecast to system behavior.